Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. OPPARTMENT OF OWMERCE
the Paperwork Reduction Act of 1995, no persons are required to required to solberbon of information unless it contains a valid OMB overbol nartic.

Substitution of form 1449/1997 INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Exam

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	
Initials *	No.3	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
m		US-6,384,438 B2	05/2002	Cho et al.	1 gard opper
IM		US- 6,420,725 B1	07/2002	Harshfield	
		US-			
		US-		/	
		US-			
		US-			
		US-		f	
"		US-			
		US-			
	_	US-			
		US-			
		us-			
		US-	/		
		US-			
		US-			

		FOREIGN P	ATENT DOCUM	MENTS		
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
Im		JP 01101671 A	04/1989	Onda		
					 	
		 	 			

Examiner Signature	Jh-	Date	10.16.5
Signature	in y	Considered	12-16-3

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Platent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMSTO THIS ADDRESS. SEND TO: Commissioner for Platents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the restrict number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here: if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 1031/2002, OMB 0651-0031

U.S. Patent and Trademank Office: U.S. DEPARTMENT OF COMMERCE
Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1499 PRACTION DISCLOSURE STATEMENT BY APPLICANT

 Complete if Known

 Application Number
 09/829,161

 Filing Date
 April 9, 2001

 First Named Inventor
 Salman Akram

 Group Art Unit
 2812

 Examiner Name
 H. Nguyen

(use as many sheets as necessary)

			,	Examine Name	H. Nguven
Sheet	1	of	1	Attorney Docket Number	2269-3442 1115 (96-0428 01/115

		T	U.S. PATENT I		
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
lba_		US-5,770,519	06/23/1998	Klein et al.	- Agures Appear
im		US- 2001/0044202 A1	11/22/2001	Huang et al.	
		US-		1	
		US-			
		US-			
ii.		US-		/ /	
		US-		 	
		US-		-/	
		US-		 /	
		US-		 /	
		US-		 / 	
		US-		{ +	
		US-			
		US-			
		US-			
- 1		US-		t	
		US-			·

		FOREIGN P	ATENT DOCUM	MENTS		
Examiner	Cite	Foreign Patent Document	1	Name of Patentee or	Pages, Cohmus, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if Isrown)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
	<u> </u>		/			
			/			
			ļ			
		 	 			
		 	1			
		/			1	

Examiner Signature Date Considered 12-16-

EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Triadmark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1460.

¹ Applicant 's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For I spanses patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is stratched.